A.I.A. File No.—8C
GRANUX

1953

GRANUX

Distinctive Building Facing

REGISTERED UNITED STATES PATENT OFFICE

No. 17 Crystal Ruby

POLISHED MANUFACTURED-GRANITE

GRANUX CORPORATION

1127 E. 76th Place : Chicago 19, Ill. : Tel. HUdson 3-6100

INTEGRITY ◦ EXPERIENCE ◦ CRAFTSMANSHIP

A.I.A. File No.—8C
GRANUX

No. 40 Jade

Hearst Square Bldg., Chicago
Shaw, Metz & Dolio
Architects • Engineers

GRANUX

GRANUX, by actual performance, has completely proven its right to a place among the best of architectural mediums for the exterior facing of fine buildings. By its use, Architects have achieved color, lasting brilliance and lustre, with no loss to the dignity and character of the design.

Its continued extensive use by discriminating Architects, for major projects, is evidence that it fulfills a real need. GRANUX offers a wide range of colors as well as certain advantages of design and construction peculiar to itself. (See pages 6 and 10.)

GRANUX is a manufactured, structural, masonry material created primarily for the exterior facing of all types of fine buildings and shops. As such, GRANUX will outlast the building for which it is used while retaining its high polish and color. This highly polished finish is derived by mechanical means almost entirely from the granite aggregate of which GRANUX is principally composed.

Because of the granite utilized in its fabrication, GRANUX is available in many of the colors and textures of domestic and imported quarried granite, as well as many distinctive colors of its own obtained by combining various granites. The seventeen color reproductions of GRANUX shown herein are as faithful as mod-

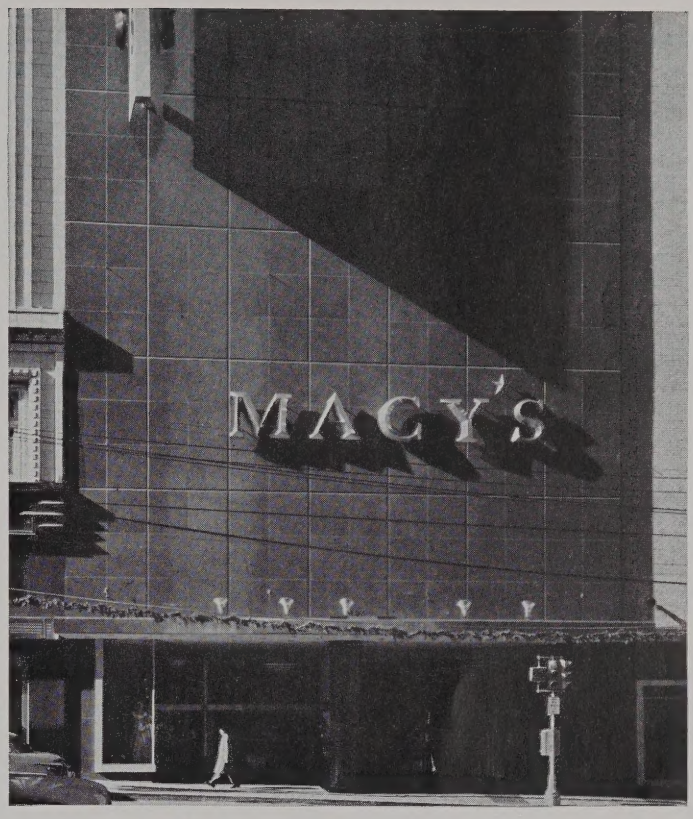
ern color photography, engraving and printing can make them. Nevertheless, the real beauty of GRANUX can only be appreciated from actual samples. Such samples will be promptly provided upon request. In addition to the seventeen colors illustrated herein, many other appealing and striking colors are available, among these, the light or pastel shades currently so much in favor by architects and their clients. See top of page 5 for other colors. One of the outstanding advantages of GRANUX is this wide range of colors at no price differential.

By means of our own highly specialized manfacturing process utilizing special bonding agents, GRANUX develops great density and strength. Accelerated weathering tests made by recognized and unbiased testing laboratories, and the performance of actual installations in existence for a score of years, provide incontestable evidence as to the merit of GRANUX.

GRANUX units are fabricated to the size and shape required by the GRANUX shop drawings, as approved by the Architect.

Regular GRANUX is generally furnished in 2¼" thickness. Deeper bonds or sections are available. There are comparatively few restrictions as to size of the units to be furnished, the large, streamlined type of unit being available. Possibly the most economical size in GRANUX is a unit 12 to 15 square feet in area. Whenever necessary or desirable, GRANUX units may be reinforced with steel to serve as structural members, e.g., entrance soffits. Generally speaking, in designing with GRANUX, the principles pertaining to polished quarried granite also apply. Because of machining and polishing operations, straight flat surfaces should be adhered to as much as possible. Although available, radial surfaces are more expensive. Flutes, profiles, and the like, substantially increase costs. THIN GRANUX (1¼" thick only) is also available. See pages 7, 8, and 9 for details.

In order to clearly identify and distinguish our product, it is sold under the trademark GRANUX. GRANUX applies only to the superior type of manufactured-granite, which we have been fabricating for many years. Specialized knowledge and many years' experience insure its proven soundness and high standard of execution.



Macy's Department Store
1040 Main Street, Kansas City, Missouri
Kivett & Myers, Architects *Color Dark Ruby*

The Architect's attention is called to the fact that all manufactured-granites are not equal in physical quality or in execution, neither are they alike in price.

The cost of GRANUX is definitely favorable to its use. Necessarily, the price of GRANUX is influenced by job variables. Drawings must be provided for a firm quotation.

GRANUX is erected by marble or granite setters. It may be anchored in the same manner as granite or marble. See anchorage details, page 6.

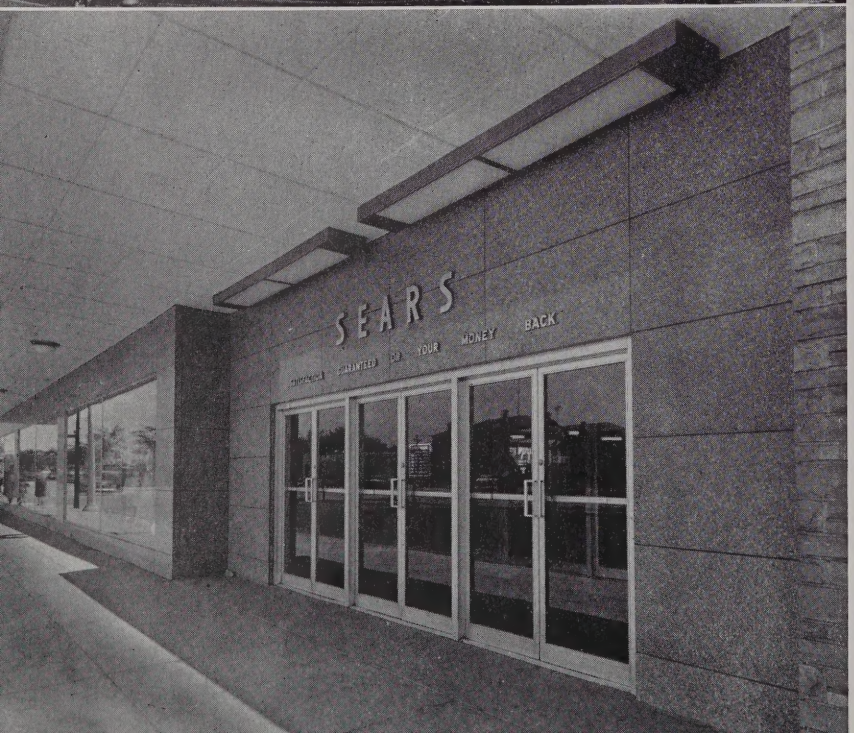
Cost of erection is practically the same as for stone or granite.

GRANUX requires no maintenance other than occasional cleaning.

GRANUX engineers may be consulted in the solution of unusual or special problems.

A FEW GRANUX INSTALLATIONS

Top Illustration: SEARS ROEBUCK CO. STORE BLDG., Corner So. 2nd & So. Grand, Springfield, Ill. Architect Dittrich & Gibson • Color Silver Gray
Middle Illustration: CALIFORNIA CO. OFFICE BLDG., Corner Tulane Avenue & Elks Place, New Orleans, La. Architect Herbert Benson & George Riehl Color Crystal Ruby • Piers between all upper story windows Dark Gray MODUR
Bottom Illustration: SEARS ROEBUCK AND COMPANY, North Avenue at Harlem Avenue, Chicago, Ill. Architect Carr & Wright • Color Coral Pearl



AMERICAN AIR LINES
S. E. Cor. Monroe & Wabash Avenue, Chicago, Illinois
Architect Ralph Milman • *Color* Jasper Gray

INTERNATIONAL BUSINESS MACHINES CORPORATION
421 7th Avenue, Pittsburgh, Pennsylvania
Architect Lacy, Atherton & Davis • *Color* Ruby and Ruby-Ebony

TULSA BUILDING
115 E. Fifth Street, Tulsa, Oklahoma
Architect Leon B. Senter • *Color* Dark Green

PULLMAN-STANDARD BUILDING
S. W. Cor. Michigan & Adams Street, Chicago, Illinois
Architect Frederick Stanton • *Color* Mahogany and Silver Gray

OFFICE BLDG. FOR WATERMAN STEAMSHIP CORPORATION
Mobile, Alabama
Architect Platt Roberts & Company
Consulting Architects O. W. Long, Jr. & A. B. Benson
Color Ruby-Ebony

ARKANSAS POWER & LIGHT COMPANY
4th & Chestnut Streets, Pine Bluff, Arkansas
Architect Selligman & Reed • *Color* Jade

WISCONSIN PUBLIC SERVICE CORPORATION OFFICE BLDG.
Elm, Adams & Jefferson Streets, Green Bay, Wisconsin
Architect John E. Somerville • *Color* Dark Ruby

SOUTHWESTERN PUBLIC SERVICE COMPANY
Lubbock, Texas
Architect Haynes & Kirby • *Color* Dark Ruby

YOUNG MENS CHRISTIAN ASSOCIATION
6th & Denver Streets, Tulsa, Oklahoma
Architect Leon B. Senter • *Color* Ruby

HOTEL STATLER
9th & Washington Avenue, St. Louis, Missouri
Color Dark Ruby

U. S. VETERANS ADMINISTRATION RESEARCH HOSPITAL
McClurg Court, Erie & Huron Streets, Chicago, Illinois
Architect Schmidt, Garden & Erickson • *Color* Ruby

HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA
34th and Spruce Streets, Philadelphia, Pennsylvania
Architect Schmidt, Garden and Erickson • *Color* Ruby

TOWER MEMORIAL CLINIC, THE ROOSEVELT HOSPITAL
West 59th Street, New York, New York
Architect York & Sawyer • *Color* Dark Ruby

J. L. HUDSON COMPANY
Broadway, Grand River, John R & Center St., Detroit, Michigan
Architect Smith, Hinchman & Grylls • *Color* Opal

F. W. WOOLWORTH COMPANY STORE BUILDING
Main Street and McKenney Avenue, Houston, Texas
Architect Kenneth Franzheim • *Color* Pearl Ebony and Ebony

F. W. WOOLWORTH COMPANY STORE BUILDING
Market, Powell and Ellis Streets, San Francisco, California
Color Mahogany

WOLFF'S CLOTHIERS, INC.
Seventh and Olive Streets, St. Louis, Missouri
Architect Design, Inc. • *Color* Opal

THE HECHT COMPANY STORE
Arlington, Virginia
Architect Abbott, Merkt & Co. • *Color* Dark Ruby

J. C. PENNEY COMPANY STORE
N. W. Cor. Broadway and Avenue J, Lubbock, Texas
Architect J. C. Penney Co. Inc. Constr. Dept. • *Color* Jade

H. P. SELMAN COMPANY
4th and Walnut Streets, Louisville, Kentucky
Architect Joseph & Joseph • *Color* Ruby, Crystal Ebony & Pearl

LA GRANGE PARK SHOPPING VILLAGE
La Grange Park, Illinois
Architect Mittelbusher & Tourtelot • *Color* Light Pearl

METROPOLITAN MERCHANDISE MART
Governor Printz Boulevard, Wilmington, Delaware
Architect Albert D. Lueders • *Color* Dark Ruby

(See page 11 for bank installations)

The following available GRANUX colors are not illustrated herein:

Light or Pastel Colors

No. 50 Pearl
No. 53 Silver Gray
No. 53-A Crystal Pearl
No. 58 Crystal Jade
No. 5930 Coral Buff
No. 5939 Mottled Gray
No. 5942 Coral Pink
No. 5944 Speckled Pearl
No. 5945 Diamond Jade

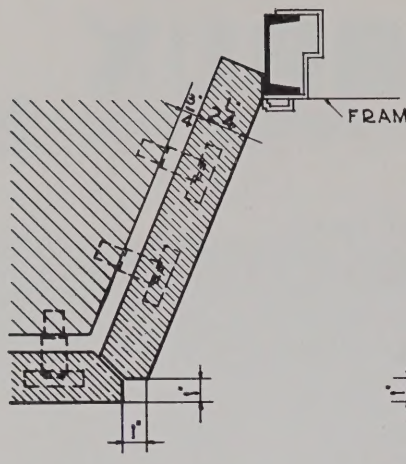
Dark Colors

No. 12 Mottled Ruby
No. 17-A Imperial Ruby
No. 1906-A Rose

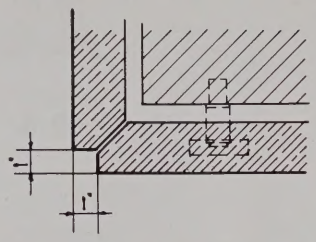
No. 20 Ebony
No. 22 Speckled Black
No. 26 Speckled Ebony
No. 28 Pearl Ebony
No. 47 Dark Green

No. 30 Carnelian

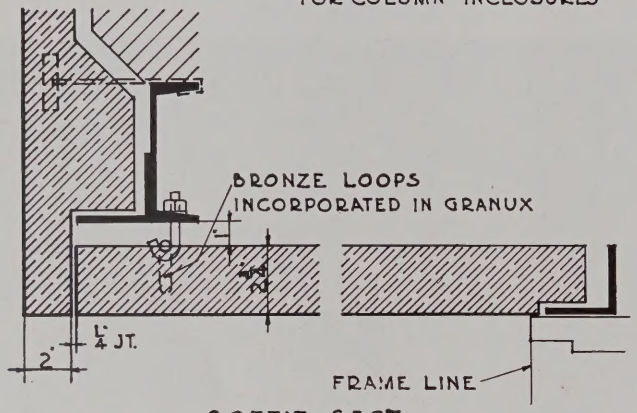
No. 16 Dark Ruby



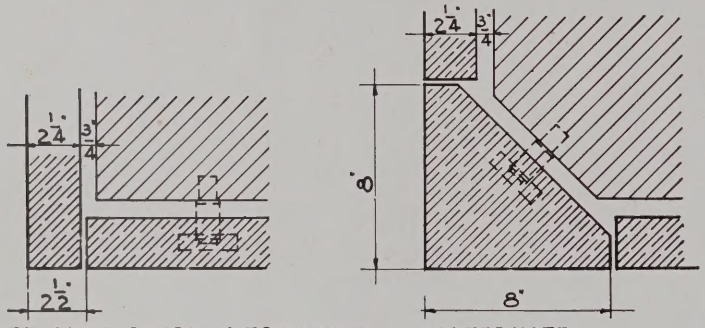
PLAN
SPLAYED ENTRANCE REVEAL



QUIRK MITRE
RECOMMEND AT CORNERS AND
FOR COLUMN INCLOSURES

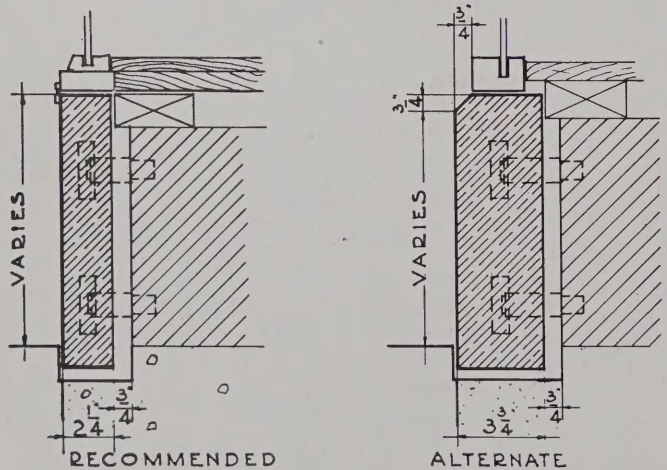


SOFFIT SECT.



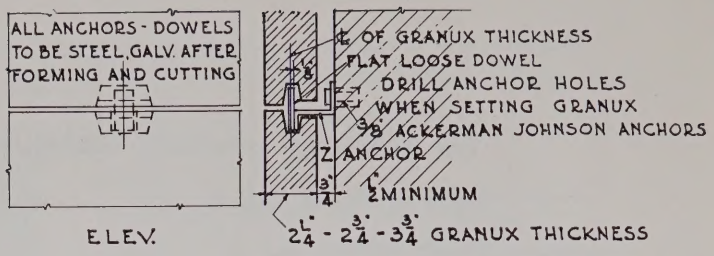
SEE ALSO QUIRK MITRE DETAIL ALTERNATE

CORNER PLANS

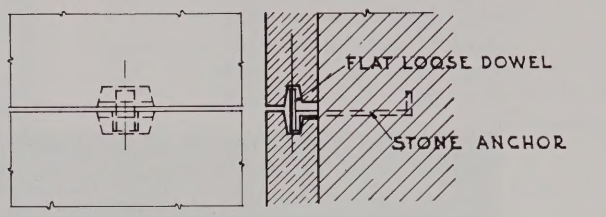


RECOMMENDED ALTERNATE

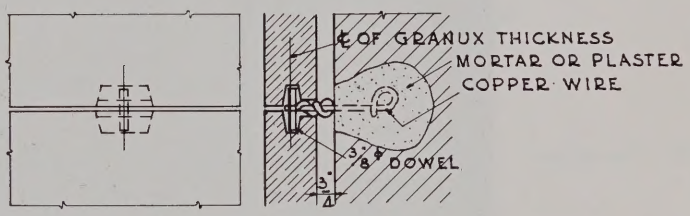
SHOW-WINDOW BASE SECTIONS


ALL ANCHORS - DOWELS TO BE STEEL, GALV. AFTER FORMING AND CUTTING
℄ OF GRANUX THICKNESS
FLAT LOOSE DOWEL
DRILL ANCHOR HOLES WHEN SETTING GRANUX
3/8" ACKERMAN JOHNSON ANCHORS
Z ANCHOR
2" MINIMUM
ELEV.
SECTION
2 1/4" - 2 3/4" - 3 3/4" GRANUX THICKNESS

TYPE Nº 1
BACK UP MASONRY IN PLACE

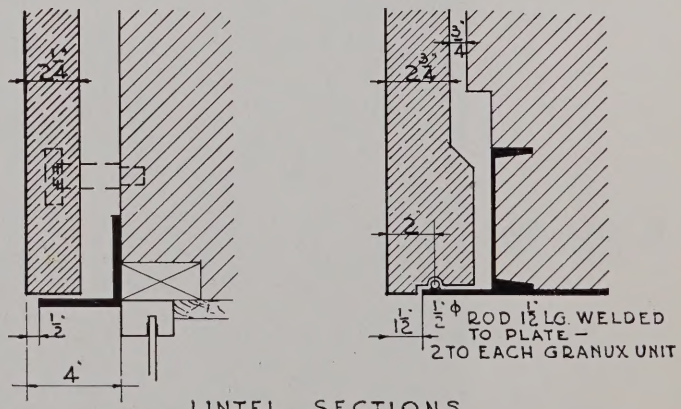


TYPE Nº 2



TYPE Nº 3
BACK UP MASONRY IN PLACE

TYPICAL METHODS OF ANCHORING GRANUX
SUITABLE FOR EITHER HORIZONTAL OR VERTICAL JOINTS



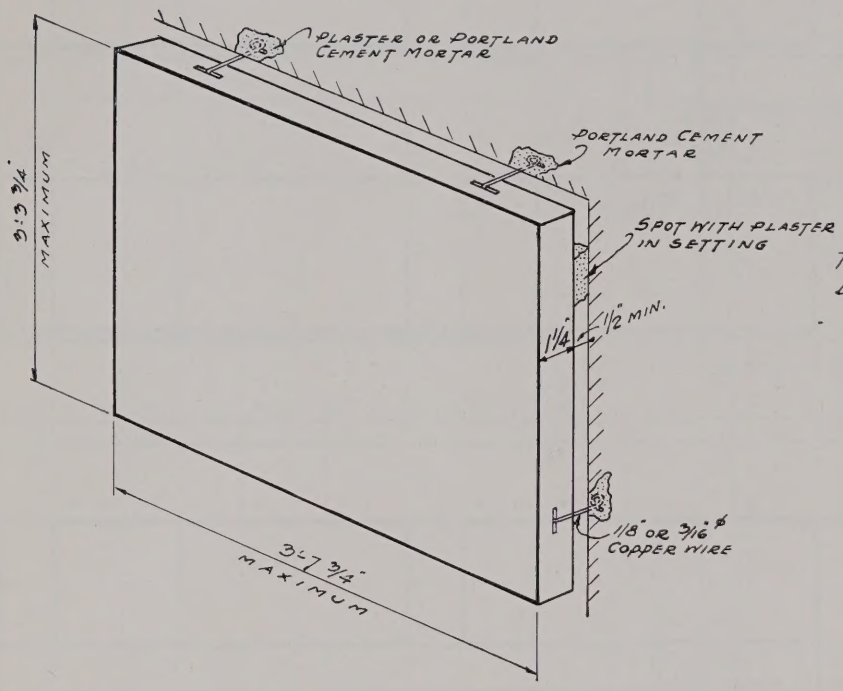
LINTEL SECTIONS

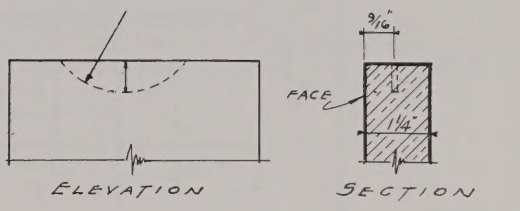
GRANUX AND MODUR CONSTRUCTION DETAILS

See also Page 10

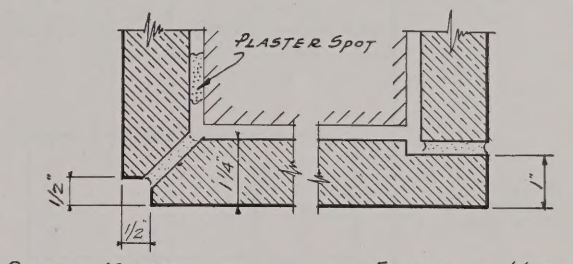
THIN GRANUX

(ONE AND ONE QUARTER INCHES THICK)





TYPICAL ANCHOR SLOT SAWN IN THE FIELD BY SETTER



PLAN

THIN GRANUX differs from Regular GRANUX as follows:

THIN GRANUX is more economical.

1¼" thickness only.

Generally set by marble setters.

Anchor slots sawn in the field by the setter to meet field conditions. For a moderate charge anchor slots will be sawn by us before shipment.

Size limited to a *maximum* of 3' - 7¾" x 3' - 3¾".

Other sizes required sawn at our plant from such a maximum size.

Standard Modular THIN GRANUX units in all standard Granux colors are available, as follows:

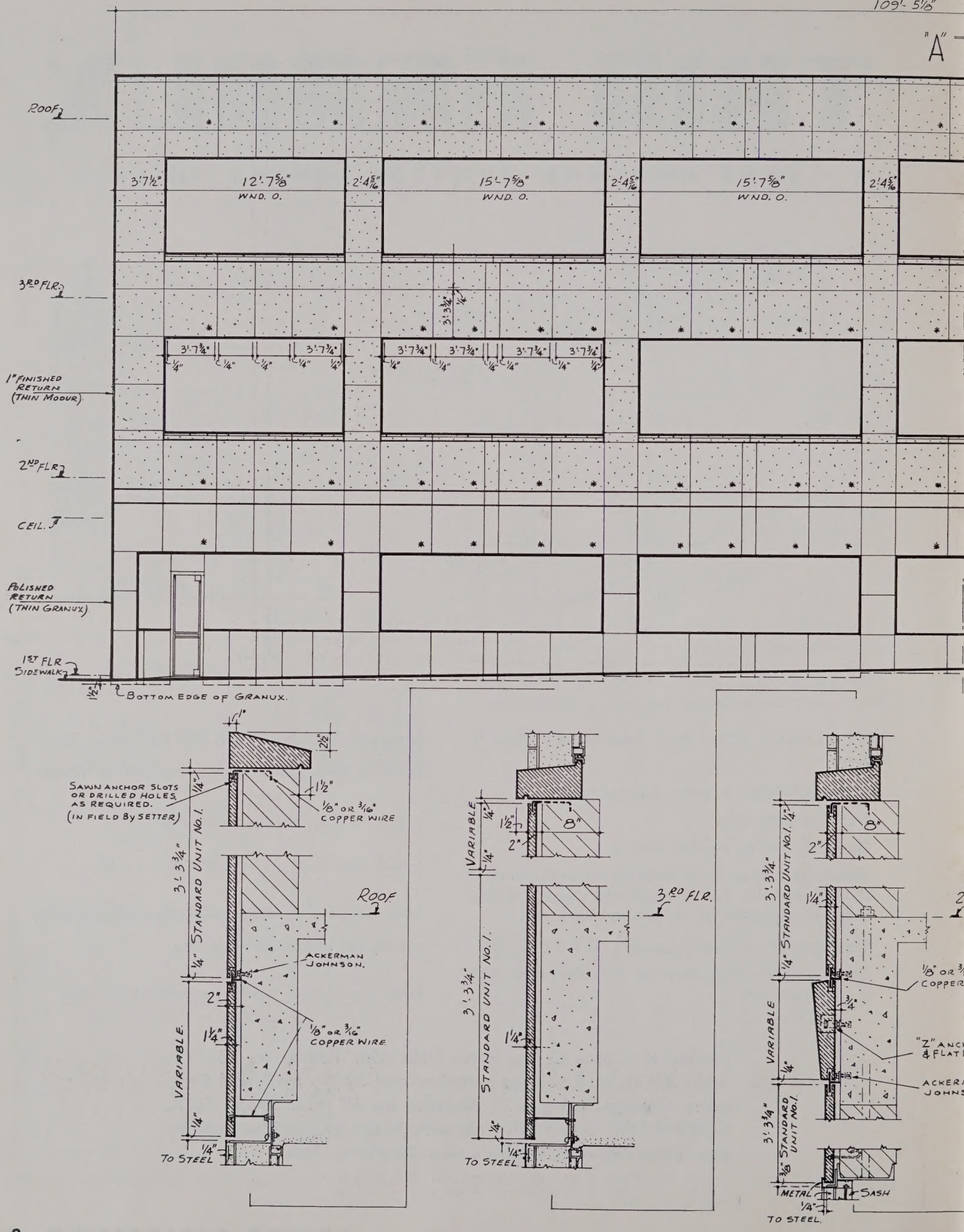
Unit No. 1—3' - 7¾" x 3' - 3¾" x 1¼".

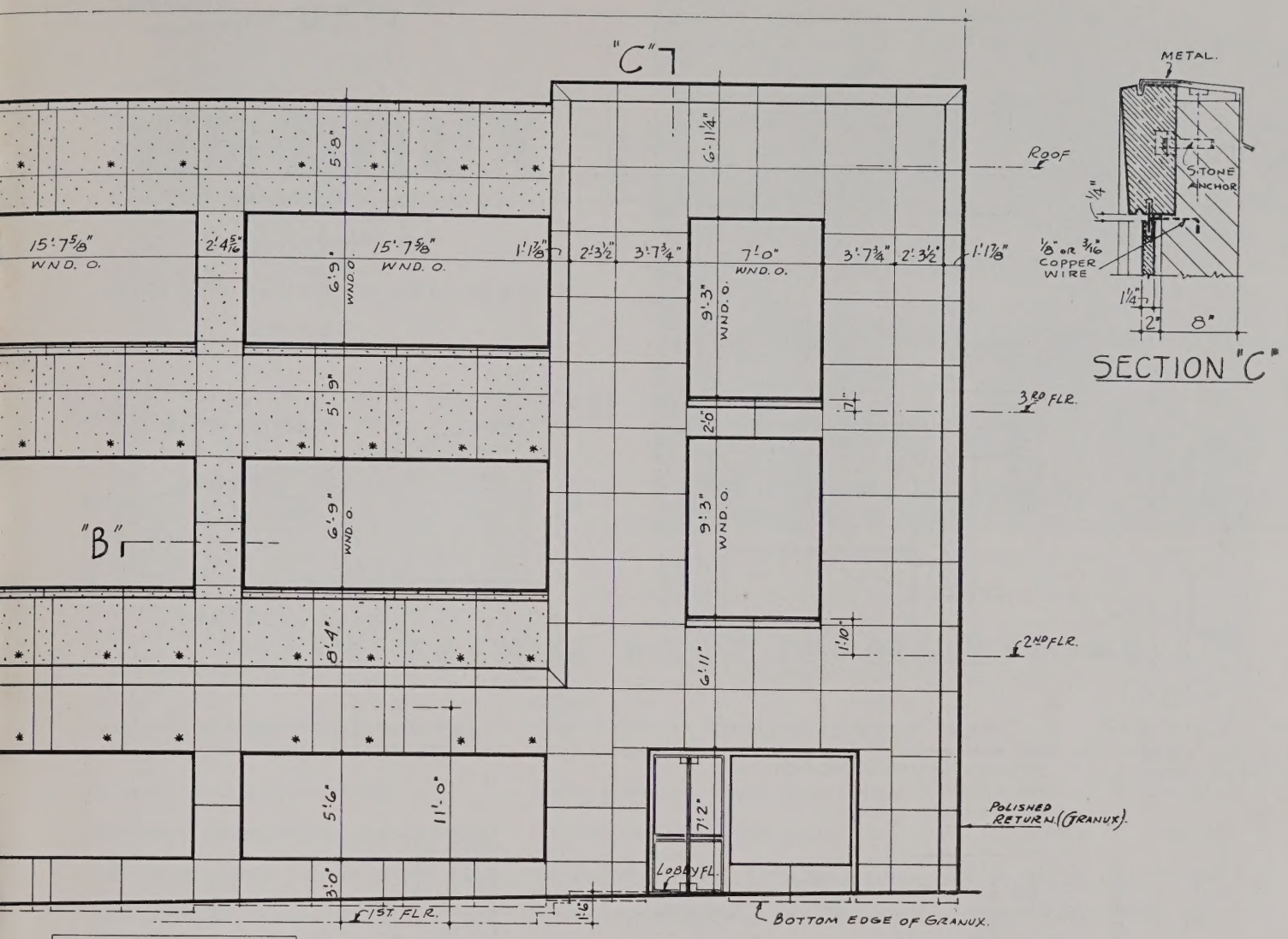
Unit No. 2—2' - 7¾" x 2' - 3¾" x 1¼".

Such standard modular units effect a substantial saving in cost and delivery time.

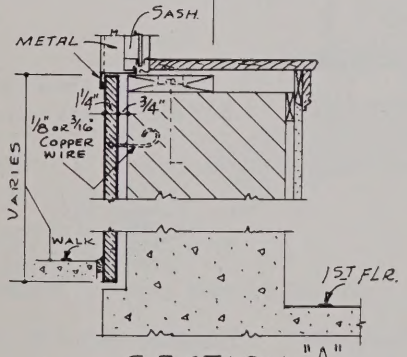
Refer to pages 8 and 9 for method of using.

Anchor slots may be cut in the field with a Mall Saw No. 70, 4800 R.P.M., 115 volt, as manufactured by the Mall Tool Company, Chicago, using a 7" diameter by ⅛" thick, Shape 7077, C-24U14-BYG "SAF-T-CUT" abrasive blade as manufactured by Bay State Abrasive Products Co., Westboro, Mass.

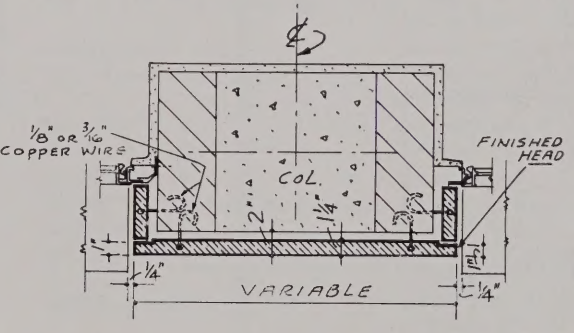

109'-5⅛"
"A"
ROOF
3RD FLR.
1" FINISHED RETURN (THIN MODUR)
2ND FLR.
CEIL.
POLISHED RETURN (THIN GRANUX)
1ST FLR SIDEWALK
3'-7½"
12'-7⅝" WND. O.
2'-4⅝"
15'-7⅝" WND. O.
15'-7⅝" WND. O.
2'-4⅝"
3'-7¾"
1/4"
3'-3¾"
BOTTOM EDGE OF GRANUX.
SAWN ANCHOR SLOTS OR DRILLED HOLES AS REQUIRED. (IN FIELD BY SETTER)
1"
2½"
1½"
1/8" OR 3/16" COPPER WIRE
3'-3¾" STANDARD UNIT NO.1.
ROOF
ACKERMAN JOHNSON.
2"
1¼"
VARIABLE.
TO STEEL
VARIABLE
8"
3RD FLR.
STANDARD UNIT NO.1.
METAL SASH
TO STEEL.



SECTION "C"



SECTION "A"



PLAN "B"

LEGEND.

THIN GRANUX

THIN MODUR

* DENOTES STANDARD MODULAR UNIT No.1. 3'-7 3/4" x 3'-3 3/4".

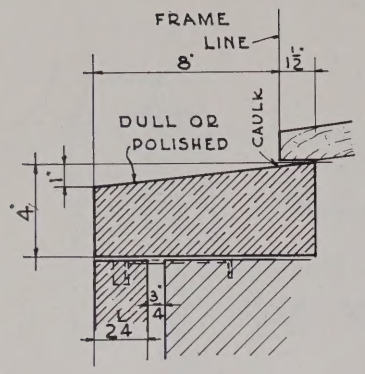
INDICATING USE OF STANDARD MODULAR THIN GRANUX AND THIN MODUR UNITS.

THIN GRANUX - THIN MODUR

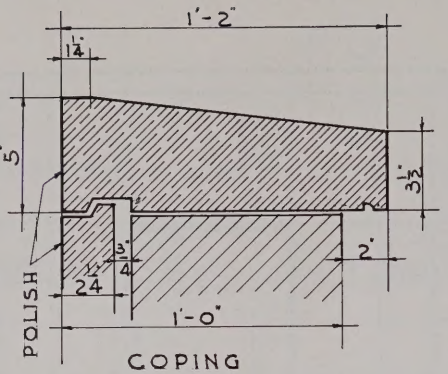
SIZE LIMITED TO A MAXIMUM OF 3'-7 3/4 x 3'-3 3/4 NET LESS 1/8" FOR EACH POLISHED HEAD OR POLISHED EDGE

(ONE AND ONE QUARTER INCHES THICK)

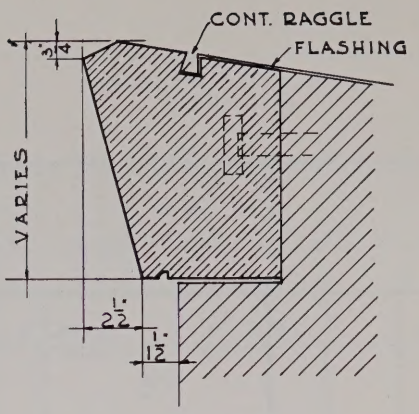
GRANUX CORPORATION
1127 EAST 76TH PLACE CHICAGO 19, ILL. HUDSON 3-6100



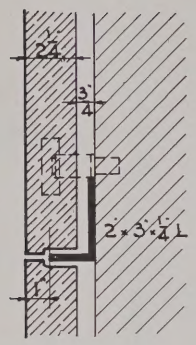
SILL



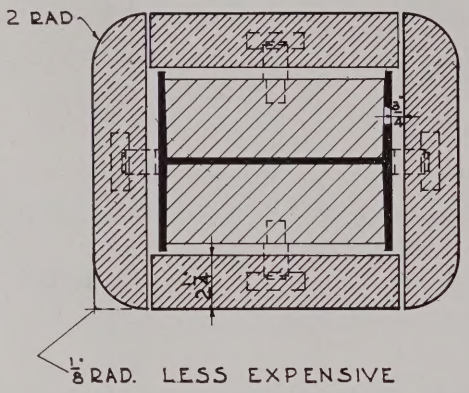
COPING



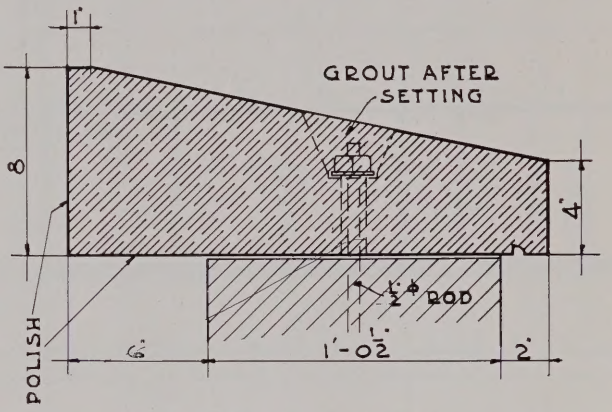
COPING



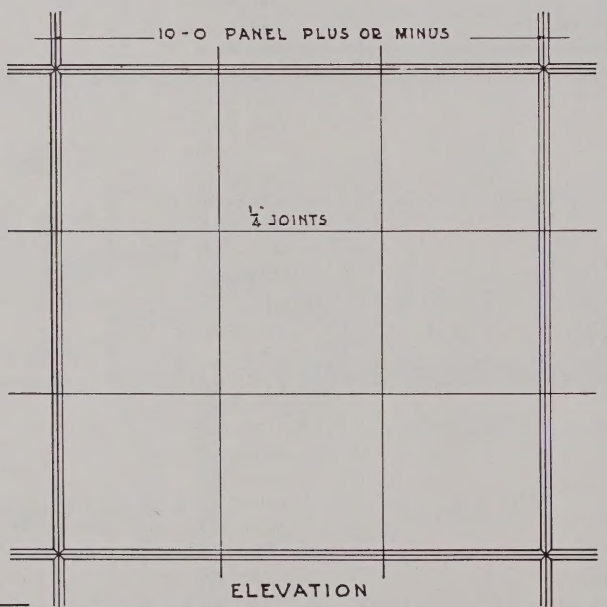
SHELF ANGLE SECT. OCCURRING AT STORY HEIGHT



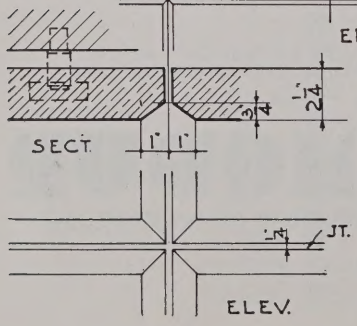
LESS EXPENSIVE COLUMN INCLOSURE



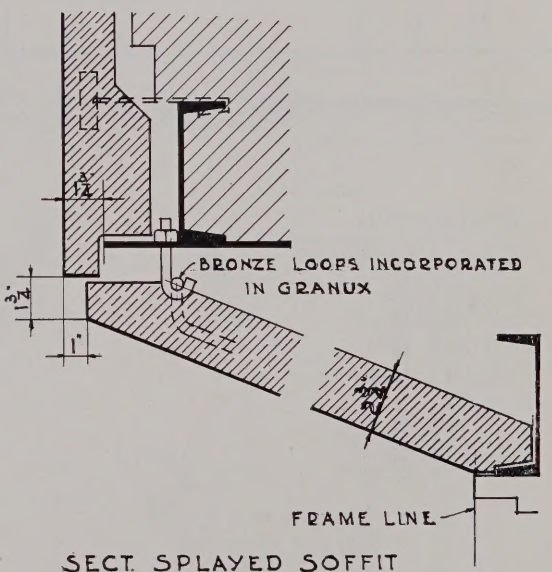
PROJECTING COPING (ANCHORED)



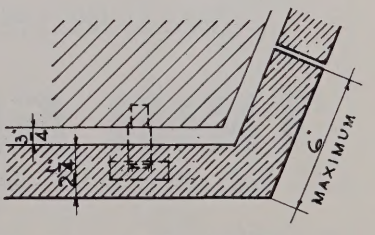
ELEVATION



PANEL FOR LARGE ASHLER SURFACES (SUITABLE WHERE IT IS DESIRED TO OBTAIN THE EFFECT OF VERY LARGE UNITS)



SECT. SPLAYED SOFFIT



PLAN SPLAYED HEAD

GRANUX AND MODUR CONSTRUCTION DETAILS

GRANUX CORPORATION
1127 E-76TH PLACE CHICAGO 19 ILL. HUDSON 3-6100

GRANUX

Distinctive Building Facing

REG. U.S. PATENT OFFICE

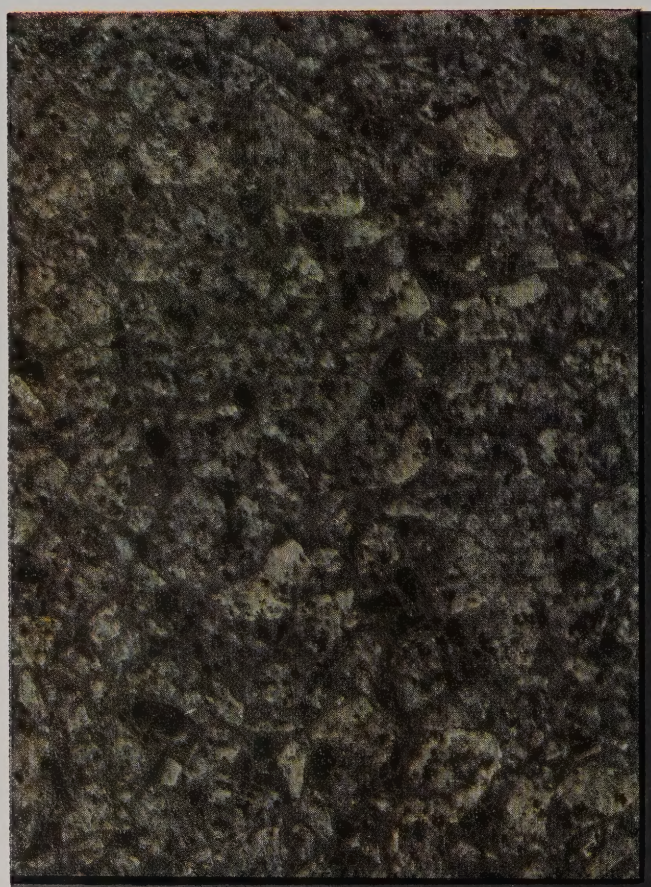
POLISHED MANUFACTURED-GRANITE

THE IDEAL EXTERIOR FOR BANKS

Apollo Savings & Loan Association • Chicago, Illinois
Granux Colors: Crystal Ruby, Coral Gray
Designed and executed by Chicago Bank Equipment Co.

A FEW GRANUX BANK INSTALLATIONS

NAME	ADDRESS	ARCHITECT	COLOR
CITIZENS & SOUTHERN NATIONAL BANK	Mitchell Street Branch, Atlanta, Georgia	Schutze & Armistead	Coral Pearl
AMERICAN NATIONAL BLDG. & LOAN ASSOC.	Baltimore, Maryland	Bank Bldg. & Equip. Corp. of America—W. G. Knoebel	Opal Crystal Mahogany
ALLIANCE SAVINGS & LOAN ASSOC.	Fullerton & Long Aves., Chicago, Illinois	Chicago Bank Equip. Company E. H. Hezner, Bank Designer	Dark Ruby
SOUTHWEST FEDERAL SAVINGS & LOAN ASSOC.	64th and Ashland Ave., Chicago, Illinois	Chicago Bank Equip. Company E. H. Hezner, Bank Designer	Crystal Ruby
CHESTERFIELD FEDERAL SAVINGS & LOAN ASSOC.	S.W. cor. Cottage Grove and 83rd St., Chicago, Illinois	Chicago Bank Equip. Company E. H. Hezner, Bank Designer	Dark Ruby Coral Pearl
PUBLIC SAVINGS & LOAN ASSOC.	1610 West 63rd Street, Chicago, Illinois	Chicago Bank Equip. Company E. H. Hezner, Bank Designer	Blue Opal
DISTRICT SAVINGS & LOAN ASSOC.	34th Pl. & Halsted St., Chicago, Illinois	Chicago Bank Equip. Company E. H. Hezner, Bank Designer	Ebony
FIRST NATIONAL BANK	Denison, Iowa	A. Moorman & Co.	Crystal Brown
SILVER STATE SAVINGS & LOAN ASSOC.	1636 Welton Street, Denver, Colorado	Bank Bldg. & Equip. Corp. of America—W. G. Knoebel	Imperial Ruby
UNION BANK & TRUST CO.	Evansville, Wisconsin	A. Moorman & Co.	Crystal Ruby
SOUTH MAIN STATE BANK	Houston, Texas	Baldwin N. Young	Dark Ruby
DEPOSIT GUARANTY BANK & TRUST COMPANY	Jackson, Mississippi	R. W. Naef	Dark Ruby
BANK OF LOUISVILLE	624-628 W. Broadway St., Louisville, Kentucky	Walter C. Wagner Joseph H. Potts	Ebony
LINCOLN NATIONAL BANK (Vailsburgh Branch)	990 South Orange, Newark, New Jersey	Bank Bldg. & Equipment Corp. of America—W. G. Knoebel	Ebony Light Pearl
CITIZENS NATIONAL BANK OF ORLANDO	Orlando, Florida	Bank Bldg. & Equipment Corp. of America—W. G. Knoebel	Jet Green
SOUTH PITTSBURGH SAVINGS & LOAN ASSOC.	1712 E. Carson St., Pittsburgh, Pa.	B. H. Lawson A. H. Rousseau	Dark Ruby
FIRST NATIONAL BANK	Pecos, Texas	Frank & Winfree Company, Ltd. C. H. Neuhardt	Crystal Ruby
ROCK ISLAND BANK & TRUST COMPANY	Rock Island, Illinois	Bank Designers of America Charles Macklin	Imperial Emerald Opal
FIRST FEDERAL SAVINGS & LOAN ASSOC. OF INDIAN RIVER COUNTY	Vero Beach, Florida	Chicago Bank Equip. Company E. H. Hezner, Bank Designer	Crystal Ruby
FIRST FEDERAL SAVINGS & LOAN ASSOC.	Market & Franklin St., Wilkes-Barre, Pa.	Bank Bldg. & Equip. Corp. of America—W. G. Knoebel	Ebony Dark Carnelian
FOURTH NATIONAL BANK OF WICHITA	Wichita, Kansas	Bank Bldg. & Equip. Corp. of America—W. G. Knoebel	Crystal Ruby
THE RIGGS NATIONAL BANK	1779 Columbia Road, N.W., Washington, D.C.	Bank Bldg. & Equip. Corp. of America—W. G. Knoebel	Pearl Opal
FIRST NATIONAL BANK OF WATERVLIET	Watervliet, Michigan	Henkel Corporation Bank Designers and Engineers	Jasper Gray

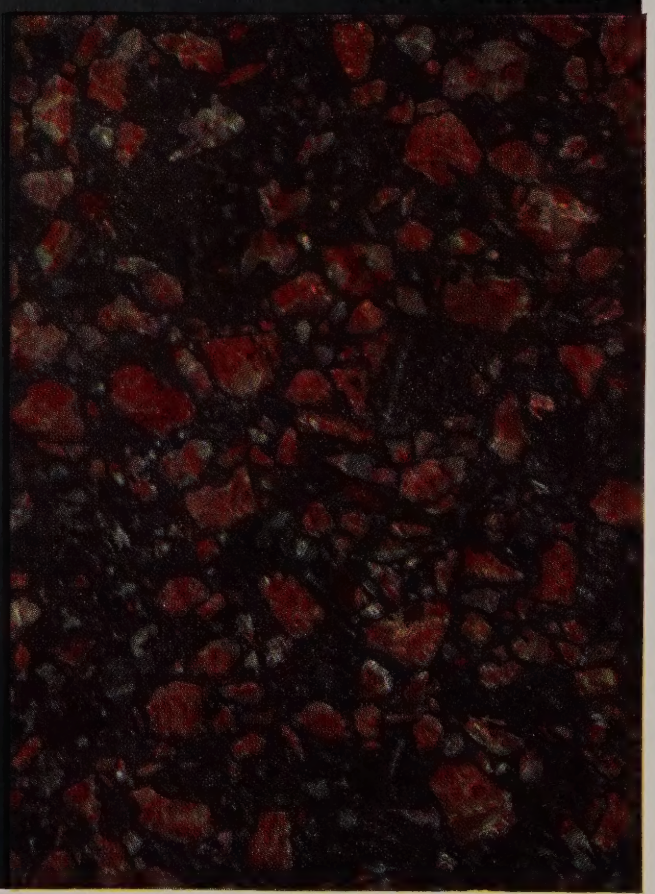


No. 72 Jasper Gray

No. 60 Opal

No. 41 Crystal Green

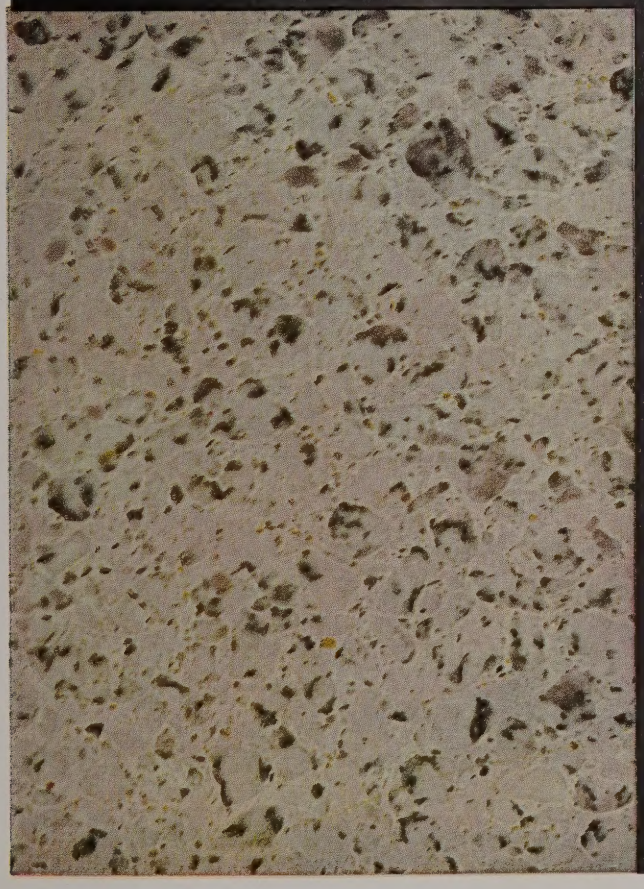
No. 27 Ruby-Ebony



No. 37 Mahogany

No. 10 Ruby

No. 56 Light Pearl



No. 57 Crystal Gray

SPECIFICATIONS

REGULAR GRANUX

GRANUX—The manufactured-granite shown on drawings and as specified herein shall be "GRANUX" as made by Granux Corporation, 1127 East 76th Place, Chicago 19, Illinois. All exposed surfaces shall have a highly polished finish.

SAMPLES—The GRANUX contractor shall submit samples for the architect's approval showing color and texture. All GRANUX delivered at the building site shall conform in all respects to the approved samples.

SHOP DRAWINGS—The GRANUX contractor shall prepare and submit for the architect's approval, complete shop drawings, showing sizes of units, dimensioned sections, jointing, anchoring, etc. Each GRANUX unit shall be clearly identified by painted number corresponding to setting numbers on the approved erection drawings.

CONSTRUCTION—Thickness of the GRANUX shall be as indicated on the architect's drawings and the approved shop drawings. The GRANUX units shall be true to dimensions with clean true edges and arrises. All surfaces shall be true and out of wind. Provide for anchoring and hoisting as may be required for each unit. Joints ¼" unless otherwise noted.

SETTING—The erecting contractor shall unload, receipt for, store and erect all of the GRANUX covered by this specification, and shall provide and install all anchors, and shall so handle the material as to guard against damage.

All GRANUX shall be set in mortar composed of one part portland cement, one part lime, and five parts fine torpedo sand. This mortar shall not be used for tuckpointing. Units shall be set in strict accordance with the approved GRANUX shop drawings.

Surfaces of each unit to receive mortar shall be sponged with clean water just before setting. Each unit shall be set accurately, true to line, level and plumb, by competent marble or granite setters, with full flushed joints, all anchors properly inserted and all anchor holes filled. Joints shall be raked out ¾" for tuckpointing with Kuhls' Elastic Knife Grade Caulking Composition obtainable from H. B. Fred Kuhls, 3rd Avenue and 8th Street, Brooklyn, N. Y. or from Granux Corporation. Before filling joints, be sure they are clean and dry. Caulking composition should not be used in a damp or wet joint. Caulking to be packed solidly into joints completely filling same. Joints shall be slightly concave and shall be brought to a neat, smooth appearance with a jointer.

PROTECTION

When ready for tuckpointing, face of the GRANUX shall be scrubbed with water and soap powder, using a fiber brush. In lieu of scrubbing, the GRANUX may be cleaned with No. 2 steel wool. The use of an acid or salt solution is prohibited. Consult GRANUX Bulletin No. 1 before proceeding with cleaning and pointing. All GRANUX shall be properly protected against damage until completion of the entire work.

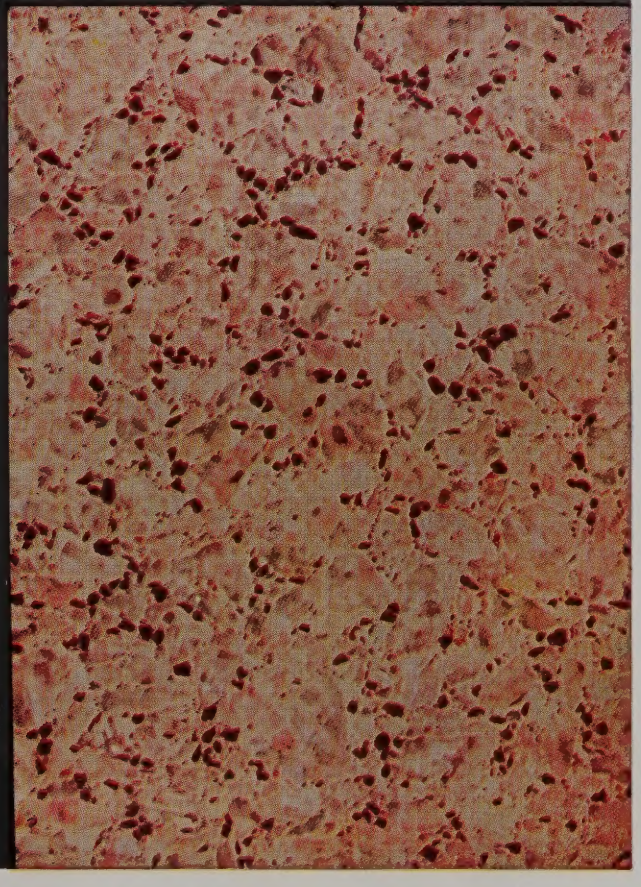
Caution should be exercised in the use of the term "or equal" when specifying GRANUX. It may invite undesirable substitution. Carefully guarded trade secrets are responsible to a large extent for the superior physical quality of GRANUX. GRANUX quotations are the same regardless of whether or not GRANUX is specified outright.

No. 51 Coral Gray

No. 55 Coral Pearl

No. 52 Speckled Coral

No. 59 Coral



No. 39 Crystal Mahogany

Granux Time Tested!

GRANUX retains its polish and color under the most severe weather conditions. Incontestable evidence of this property of GRANUX is offered by installations ten to twenty years old in the Chicago area.

GRANUX CORPORATION

1127 E. 76th Place • Chicago 19, Ill.